



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#7 A/BM  
9-18-02

In re PATENT APPLICATION of

Confirmation No. 9140

TSUMURA et al.

Group Art Unit: 1731

Appln. No. 09/585,573

Examiner: S. E. Vincent

Filed: June 2, 2000

Title: AN APPARATUS FOR MANUFACTURING GLASS BASE MATERIAL  
AND A METHOD FOR MANUFACTURING GLASS BASE MATERIAL

TC 1700 MAIL ROOM

SEP 17 2002

RECEIVED

\* \* \* \* \*

September 13, 2002

AMENDMENT

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In response to the Official Action dated March 13, 2002, Applicants request reconsideration of the above-identified application in view of the following amendments and remarks.

IN THE CLAIMS

Please amend the following claims:

1. (Amended) An apparatus for manufacturing a glass base material and maintaining the purity of a raw material which is a parent material of an optical fiber, comprising:

a tank which contains a raw material of a glass base material to vaporize said raw material and generate the raw material in the gas phase;

a temperature control unit which controls a temperature of said raw material to be constant; and

a pressure control unit which controls a pressure of said raw material in the gas phase to be constant.

2. (Amended) An apparatus as claimed in claim 1, wherein said tank includes:

a gas phase region which contains said raw material in the gas phase; and

a liquid phase region which contains said raw material in the liquid phase.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): TSUMURA et al.

Appln. No.: 09 585,573

Series Code ↑

Serial No. ↑

Filed: June 2, 2000

Hon. Commissioner of Patents  
Washington, D.C. 20231

Group Art Unit 1731

Examiner: S. E. Vincent

Atty. Dkt. P 0270735 SH-0020US

M#

Client Ref

Appln. Title: An Apparatus for Manufacturing Glass  
Base Material and a Method for  
Manufacturing Glass Material

Sir:

**REPLY/AMENDMENT/LETTER**

Date: September 13, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

## 1. Small Entity claim

- A. ☒ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☐ made previously

For B & C  
See **Required**  
**Separate Paper**  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	36	**minus 36 0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	2	***minus 3 0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....	add	+ \$280/\$140 =	+ \$0	104/204	
5. Original due Date: June 13, 2002	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =	+ \$920		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8.			Extension Fee	+ \$920	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....		+ \$110/\$55	+ \$0	148/248	
10. If IDS attached requires Official Fee under Rule 97 (c), .....	add	+ \$180	+ \$0	126	
or if Rule 97(d) Request .....	add	+ \$180		126	
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+ \$740/370	+ \$0	146/246	
12. No. of additional inventions for examination per Rule 129(b) .....		x \$740/370 ea	+ \$0	149/249	
13. Request for Continued Examination (RCE) .....		+ \$740/370	+ \$0	1179/1279	
14. Petition fee for .....			+ \$0		
15.			TOTAL FEE =	\$920	

**PLEASE CHARGE  
OUR DEP. ACCT**

09/16/2002 HVU0N61 00000050 033975 09585573

Our Deposit Account No. 03-3975)

(Our Order No. 007874 0270735

C#

M#

01 FC:117

920.00 CH

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT **does not authorize** charge of the **issue fee** until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Robert W. Hahl

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments